



On the Water Front

There are several water issues I'd like to share with you this month.

Water Bond Decisions Close at Hand

Tucson Water's bond package for 2000 was developed with help from you. The information gained from the many calls, letters, and comment forms I've received from our customers during the past year have been a part of our decision-making process as we plan Tucson Water's directions for the new century.

We're focusing on three areas: 1) Using more treated wastewater for irrigation to replace the drinking water that is still used in many places; 2) Expanding our new drinking water resources in Avra Valley; and 3) Building much needed improvements to our existing water system, including new water mains and more reservoirs to improve water pressure, water quality, and public safety.

For more detailed information about the water bonds, or to schedule a presentation about them for your group or organization, call us at 791-4331. Get the facts and vote on May 16th.

Drought and Water Conservation

When your cactus needs water, you know it's dry. We've had the driest winter ever and are looking forward to a long, hot summer. Meanwhile, our new water source from Avra Valley, west of Tucson, is being developed. It will be available to us before the summer of 2001, but not by this coming summer. So it's even more important than usual that we all work together to conserve water. **Tucson Water is offering free water conservation information to any customer who asks**, and it's still not too late to request a visit from our Zanjeros, who will analyze your water use and show you how you can reduce your water use and reduce your water bill. Call us at 791-4556. Water is precious in the desert. Please remember that every drop counts.

David V. Modeer, Director, Tucson Water

Your Water Connection

News & Tips for Tucson Water Customers

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April 2000

<http://www.ci.tucson.az.us/water/>

—Vote May 16th!

Water Bonds Will Fund Reclaimed Water to Golf Courses, More Drinking Water, New Pipes

On May 16th, Tucsonans will decide whether to approve \$123.6 million in Water Revenue Bonds. The bonds will fund improvements to the reclaimed water, drinking water, and general water supply systems.



These bonds provide \$22.7 million to recharge more Colorado River water and build 24 more wells in Avra Valley, west of Tucson. Using more of this blended water will allow us to shut down wells in central Tucson

Using More Reclaimed Water

You've told us you want to stop using drinking water to irrigate. The bonds will provide \$32 million to be used to expand our reclaimed water system – taking more treated wastewater to more parks, golf courses, street medians, and other irrigation customers. We'll add 26 miles of reclaimed water mains to reach new customers, build pumping stations to add 19 million gallons per day to the reclaimed delivery system, and construct reservoirs to store treated water for future use. It all means less precious drinking water used for watering plants.

Making More Drinking Water

You've told us to stop pumping too much groundwater from the central part of Tucson.

that are damaging our environment and threatening our city with subsidence.

Improving Our Drinking Water System

You've told us you want quality water delivered at an acceptable pressure. The 2000 Bond Package includes \$68.6 million to pay for community-wide improvements to our drinking water system. We'll build three new reservoirs, add new water mains, and improve pumping stations so we can move water through Tucson more efficiently and improve water pressure. We'll also be rehabilitating 14 miles of old cast iron water mains and installing systems to maintain other critical water mains.

For more information about the water bond package in the Year 2000 Bonds, please call Tucson Water at 791-4331.

— Tucson Water Employee Spotlight

Karen Dotson Helps Us Recycle Our Wastewater

In our desert community, recycling the water we use makes good sense. Karen works hard to ensure that Tucson keeps increasing our use of reclaimed wastewater for irrigating golf courses, parks, schoolyards, and other grassy areas.

Karen has worked for Tucson Water since 1983 and has been involved in many of the water resource planning and conservation programs that are critical to protecting our environment and ensuring we have enough water for the future. She became the Reclaimed Water Program Coordinator in 1997. Karen is involved in all aspects of the Reclaimed Water Program, including identifying and contacting potential customers, developing

informational programs, and working with engineers to improve and expand the reclaimed water delivery system. She also works with state regulatory agencies to develop statewide reclaimed water

regulations and keeps in contact with other cities to make sure that Tucson keeps up with the latest trends and technology for recycling wastewater.

Karen has a Master's Degree in Urban Planning from the U of A, and is a professional member of the American Institute of Certified Planners. When she's not at work, Karen enjoys spending time riding and showing horses with her daughter and keeping up with the activities of her son.



Karen Dotson helps golf courses and parks make the switch to reclaimed water.

Visit the Tucson Water Web Site at <http://www.ci.tucson.az.us/water/>

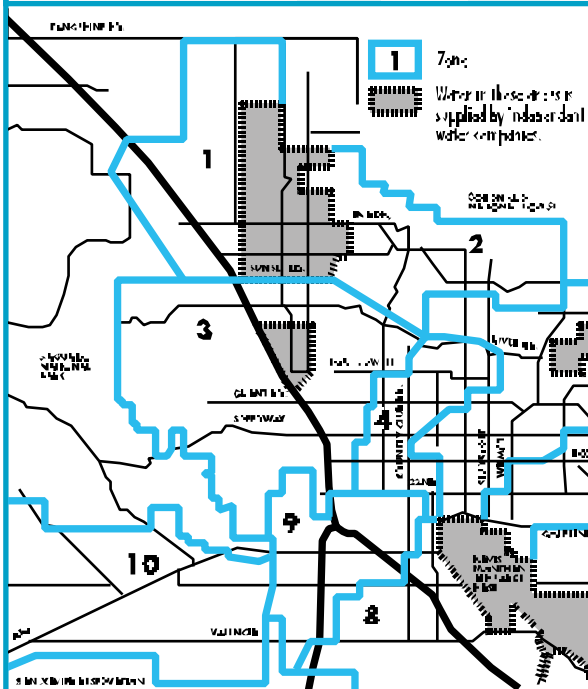


The Water Connection is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to:
Customer Information
P.O. Box 27210
Tucson, AZ 85726-7210

City of Tucson
TTY number: 791-2639
Si usted desea este documento escrito en español, por favor, llame al 791-4331.

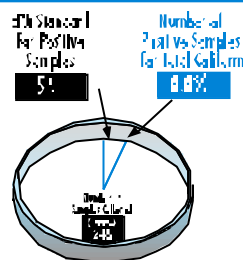
GROUNDWATER QUALITY REPORT - January 2000

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	51 36-69	37 33-42	43 17-93	36 27-50	34 24-47	31 22-38	32 21-41	43 33-55	51 39-98	40 38-45	39 17-98
Mineral Content (ppm)	Average Range	398 196-524	253 223-297	280 176-678	234 184-316	228 163-311	225 187-265	231 159-301	358 295-498	304 209-489	209 204-221	262 159-678
Hardness (ppm)	Average Range	190 63-276	117 103-142	121 67-367	104 71-140	104 68-142	108 84-126	111 66-149	195 132-338	125 65-232	81 75-86	120 63-367
pH (units)	Average Range	7.7 7.4-8.0	7.9 7.7-8.2	8.0 7.5-8.4	7.9 7.4-8.2	8.0 7.2-8.3	7.9 7.5-8.3	7.9 7.3-8.3	7.9 7.6-8.3	8.1 7.7-8.4	8.2 8.1-8.8	8.0 7.2-8.8
Temperature (deg F)	Average Range	67 61-74	69 63-75	69 62-77	73 64-80	70 57-80	70 61-77	69 62-77	69 61-77	71 64-84	71 63-81	70 57-84



COLIFORM BACTERIA TESTING RESULTS - January 2000

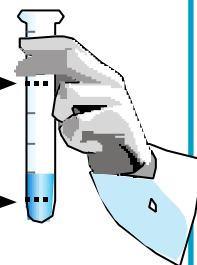
Groundwater Quality Report



Chlorine Level Average

Range = 0.8 to 1.2 ppm

Monthly Average 0.9 ppm



One part per million (ppm) is the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10

zones based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.